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YOU HAVE REQUESTED DATA FROM 4 ANSWERS - CONTINUE? Y/(N):y

L1 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:349120 CAPLUS
DOCUMENT NUMBER: 136:345471
TITLE: Hair care compositions containing waxes
INVENTOR(S): Braeutigam, Ina
PATENT ASSIGNEE(S): Goldwell GmbH, Germany
SOURCE: Eur. Pat. Appl., 8 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1203573	A2	20020508	EP 2001-125929	20011031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
DE 10054215	A1	20020606	DE 2000-10054215	20001102

PRIORITY APPLN. INFO.: DE 2000-10054215 A 20001102

- TI Hair care compositions containing waxes
AB The invention concerns hair products that are emulsions and contain natural or synthetic waxes, C12-C24 fatty alcs., C12-C24 fatty acid glycerides, emulsifiers with HLB>6, titanium dioxide pigments, nonionic polymers and water. Further, the compns. can contain acrylic polymers as thickening agents. Thus a mat-wax prepn. contained (wt./wt.%): cetylstearyl alc. 4.00; Ceteareth-3 9.00; Laureth 23 0.20; Candelilla wax 3.00; PEG-32 15.00; cocoglycerides 9.00; sodium cetearyl sulfate 0.50; perfume 0.10; green tea ext. 0.50; preservative 0.30; iron oxide (C.I. 77499) 0.20; titanium dioxide (C.I. 77891); acrylates/C10-C30-alkyl acrylate cross polymer 0.15; aminomethylpropanol 0.12; water to 100.
IT Glycerides, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C12-C24 fatty acid; hair care compns. contg. waxes)
IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C16-18; hair care compns. contg. waxes)
IT Glycerides, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(coco; hair care compns. contg. waxes)
IT Hair preparations
(emulsions; hair care compns. contg. waxes)
IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty; hair care compns. contg. waxes)
IT Emulsifying agents
Hydrophile-lipophile balance value
Thickening agents
(hair care compns. contg. waxes)
IT Acrylic polymers, biological studies
Candelilla wax
Jojoba oil
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hair care compns. contg. waxes)
IT 9002-92-0, Laureth 23 12227-89-3, C.I. 77499 13463-67-7, Titanium dioxide, biological studies 25086-89-9, Vinylacetate-vinylpyrrolidone

copolymer 196004-38-3, Carbopol ETD 2001
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hair care compns. contg. waxes)

L1 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:291723 CAPLUS
DOCUMENT NUMBER: 136:299470
TITLE: Hair care products containing
mica-titanium dioxide pigments and sunscreens
INVENTOR(S): Fath, Bettina; Dubowoj, Polina
PATENT ASSIGNEE(S): Goldwell G.m.b.H., Germany
SOURCE: Eur. Pat. Appl., 9 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1197200	A2	20020417	EP 2001-123312	20011008
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 10050782	A1	20020425	DE 2000-10050782	20001013
US 2002110534	A1	20020815	US 2001-975520	20011011

PRIORITY APPLN. INFO.: DE 2000-10050782 A 20001013

- TI Hair care products containing mica-titanium dioxide
pigments and sunscreens
- AB The invention concerns hair prepsn. that contain mica-titanium dioxide
pigments, sunscreens, green tea ext., amphoteric or
zwitterionic surfactants, betaines and alkylamidopropyl di-Me - or
diethylamines. The pigment contains at least 90 % mica; the particle size
is 10-250 .mu.m. Thus a leave-on treatment contained (wt./wt.%):
cetylstearyl alc. 2.5; iso-Pr myristate 0.2; stearamidopropyldimethylamine
0.6; 2-Ph benzimidazole -5-sulfonic acid 0.3; lactic acid 0.3; perfume
0.1; green tea ext. 0.5; preservative 0.3;
mica-titanium dioxide pigment (av. particle diam. 90% 20-150 .mu.m) 0.5;
pH approx. 4.5; water to 100.
- ST hair care product sunscreen mica titanium dioxide
- IT Surfactants
(amphoteric; hair care products contg.
mica-titanium dioxide pigments and sunscreens)
- IT Tea products
(beverages, green, ext.; hair care products contg.
mica-titanium dioxide pigments and sunscreens)
- IT Amines, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(diethylamines, alkylamidopropyl derivs.; hair care
products contg. mica-titanium dioxide pigments and sunscreens)
- IT Hair preparations
Sunscreens
(hair care products contg. mica-titanium dioxide
pigments and sunscreens)
- IT Mica-group minerals, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hair care products contg. mica-titanium dioxide
pigments and sunscreens)
- IT Surfactants
(zwitterionic; hair care products contg.
mica-titanium dioxide pigments and sunscreens)
- IT 69-72-7, Salicylic acid, biological studies 85-19-8,
2-Hydroxy-5-chlorobenzophenone 107-43-7D, Betaine, derivs. 124-40-3D,
Dimethylamine, alkylamidopropyl derivs. 131-53-3, 2,2'-Dihydroxy-4-

methoxybenzophenone 131-54-4, 2,2'-Dihydroxy-4,4'-dimethoxybenzophenone
 131-55-5, 2,2',4,4'-Tetrahydroxybenzophenone 131-56-6,
 2,4-Dihydroxybenzophenone 131-57-7, 2-Hydroxy-4-methoxybenzophenone
 150-13-0, 4-Aminobenzoic acid 619-84-1, 4-Dimethylaminobenzoic acid
 621-82-9, Cinnamic acid, biological studies 830-09-1, 4-Methoxycinnamic
 acid 1641-17-4, 2-Hydroxy-4-methoxy-4'-methylbenzophenone 1843-05-6,
 2-Hydroxy-4-octyloxybenzophenone 13463-67-7, Titanium dioxide,
 biological studies 15087-24-8, 3-Benzylidene camphor 27503-81-7,
 2-Phenylbenzimidazole-5-sulfonic acid 36861-47-9, 3-(4-
 Methylbenzylidene)-DL-camphor 56039-58-8 143982-77-8,
 2,2'-Dihydroxy-4,4'-dimethoxybenzophenone-5,5'-disulfonic acid
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (hair care products contg. mica-titanium dioxide
 pigments and sunscreens)

L1 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:252904 CAPLUS
 DOCUMENT NUMBER: 136:284160

TITLE: Hair care products containing
 mica-titanium dioxide pigments and sunscreens

PATENT ASSIGNEE(S): Goldwell G.m.b.H., Germany

SOURCE: Ger. Gebrauchsmusterschrift, 19 pp.
 CODEN: GGXXFR

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
TI	DE 20017586	U1	20020404	DE 2000-20017586	20001013
AB	Hair care products containing mica-titanium dioxide pigments and sunscreens				
AB	The invention concerns hair preps. that contain mica-titanium dioxide pigments, sunscreens, green tea ext., amphoteric or zwitterionic surfactants and alkylamidopropyl di-Me - or diethylamines. The pigment contains at least 90 % mica; the particle size is 10-250 .mu.m. Thus a leave-on treatment contained (wt./wt.%): cetylstearyl alc. 2.5; iso-Pr myristate 0.2; stearamidopropyldimethylamine 0.6; 2-Ph benzimidazole -5-sulfonic acid 0.3; lactic acid 0.3; perfume 0.1; green tea ext. 0.5; preservative 0.3; mica-titanium dioxide pigment (av. particle diam. 90% 20-150 .mu.m) 0.5; pH approx. 4.5; water to 100.				
ST	hair care product mica titanium dioxide pigment sunscreen				
IT	Alcohols, biological studies RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (C16-18; hair care products contg. mica-titanium dioxide pigments and sunscreens)				
IT	Surfactants (amphoteric; hair care products contg. mica-titanium dioxide pigments and sunscreens)				
IT	Tea products (beverages, green, ext.; hair care products contg. mica-titanium dioxide pigments and sunscreens)				
IT	Polysiloxanes, biological studies RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (di-Me, 3-[3-[(3-coco amidopropyl)dimethylammonio]-2- hydroxypropoxy]propyl group-terminated, acetates (salts); hair care products contg. mica-titanium dioxide pigments and sunscreens)				
IT	Amines, biological studies RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)				

(diethylamines, alkylamidopropyl derivs.; **hair care**
products contg. mica-titanium dioxide pigments and sunscreens)

IT Hair preparations
Particle size
Sunscreens
(**hair care** products contg. mica-titanium dioxide
pigments and sunscreens)

IT Mica-group minerals, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(**hair care** products contg. mica-titanium dioxide
pigments and sunscreens)

IT Surfactants
(zwitterionic; **hair care** products contg.
mica-titanium dioxide pigments and sunscreens)

IT 36574-66-0D, N-coco acyl derivs.
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Cocoamidopropyl betaine; **hair care** products contg.
mica-titanium dioxide pigments and sunscreens)

IT 85-19-8, 2-Hydroxy-5-chlorobenzophenone 107-43-7D, Betaine, derivs.
109-55-7D, cocoyl deriv. 110-27-0, Isopropyl myristate 124-40-3D,
Dimethylamine, alkylamidopropyl derivs. 131-53-3, 2,2'-Dihydroxy-4-
methoxybenzophenone 131-54-4, 2,2'-Dihydroxy-4,4'-dimethoxybenzophenone
131-55-5, 2,2',4,4'-Tetrahydroxybenzophenone 131-56-6,
2,4-Dihydroxybenzophenone 131-57-7, 2-Hydroxy-4-methoxybenzophenone
150-13-0, 4-Aminobenzoic acid 619-84-1, 4-Dimethylaminobenzoic acid
830-09-1, 4-Methoxycinnamic acid 1641-17-4, 2-Hydroxy-4-methoxy-4'-
methylbenzophenone 1843-05-6, 2-Hydroxy-4-octyloxybenzophenone
4065-45-6 6628-37-1 13463-67-7, Titanium dioxide, biological studies
15087-24-8, 3-Benzylidene camphor 20182-63-2,
Stearamidopropyldimethylamine 27503-81-7, 2-Phenyl benzimidazole-5-
sulfonic acid 36861-47-9 56039-58-8 143982-77-8 176429-87-1,
Carbopol ETD 2020
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(**hair care** products contg. mica-titanium dioxide
pigments and sunscreens)

L1 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1994:263179 CAPLUS
DOCUMENT NUMBER: 120:263179
TITLE: Experimental studies of effects of various substrata
and contaminants of VNTR typing of MCT118 (DIS80)
locus from bloodstain samples
AUTHOR(S): Sakai, Ikuko; Kasai, Kentaro; Yoshida, Kanako; Mizuno,
Natsuko; Sekiguchi, Kazumasa; Sato, Hajime; Seta,
Sueshige
CORPORATE SOURCE: 2nd Med.-Leg. Sect., Natl. Res. Inst. Police Sci.,
Tokyo, 102, Japan
SOURCE: Kagaku Keisatsu Kenkyusho Hokoku, Hokagaku-hen (1993),
46(3), 129-34
CODEN: KKHKA9; ISSN: 0451-1980
DOCUMENT TYPE: Journal
LANGUAGE: Japanese

AB Various substrata to which blood sample was adsorbed, or contaminants of
drinks and other liq. materials interfered with the detection of MCT118 by
the polymerase chain reaction (PCR), which was applied for detn. of DNA
type in forensic science. MCT118 was detected by amplification with
different efficiency from blood on substrata of paper, tissue paper, news
paper, corrugated paper, cotton, silk, polyester, nylon, cement wall, and
cement block. Sampling method as cutting and wiping affected on colored
photogravure paper and acrylic fiber carpet, and painted wall (only by
wiping). The detection was difficult on wool, blue denim, mixed spinning,
tatami (rush), mixed spinning carpet, and wood. Colored photogravure
paper, tatami, wood, and painted wall contained inhibiting substances for

PCR. Contaminants of milk, coffee, green tea, cocoa, soy sauce, Worcester sauce, vinegar, skin lotion, and synthetic detergent affected the detection little. The detection was difficult with orange juice, Fanta Grape, Ginger Ale, Coca-cola, Diet Pepsi, ketchup sauce, tomato ketchup, food oil, hair spray, hair lotion, washing soap, flexible detergent, and bleaching agent. Fanta Grape, Ginger Ale, Coca-cola, Diet Pepsi, ketchup sauce, and tomato ketchup contained inhibiting substances for PCR. Extn. with phosphate-buffered saline was effective in elimination of the inhibition except in cases of food oil and washing soap. The inhibitor for PCR of tatami was polysaccharide with mol. wts. of several hundred thousand with absorption at 260 nm. The substance in wood exhibited absorption at 260, 280, and 360 nm.

=> s l1 and (titanium or mica) (p) (pigment or color) (p) (particles or particulate)
364995 TITANIUM
78 TITANIUMS
365004 TITANIUM
(TITANIUM OR TITANIUMS)
39434 MICA
5101 MICAS
41599 MICA
(MICA OR MICAS)
121514 PIGMENT
100836 PIGMENTS
164792 PIGMENT
(PIGMENT OR PIGMENTS)
347184 COLOR
36210 COLORS
366618 COLOR
(COLOR OR COLORS)
626034 PARTICLES
1 PARTICLESES
626034 PARTICLES
(PARTICLES OR PARTICLESES)
79449 PARTICULATE
17074 PARTICULATES
87748 PARTICULATE
(PARTICULATE OR PARTICULATES)
697 (TITANIUM OR MICA) (P) (PIGMENT OR COLOR) (P) (PARTICLES OR
PARTICULATE)
L2 0 L1 AND (TITANIUM OR MICA) (P) (PIGMENT OR COLOR) (P) (PARTICLES
OR PARTICULATE)

=> s l1 and (titanium or mica) (p) (particles or particulate)
364995 TITANIUM
78 TITANIUMS
365004 TITANIUM
(TITANIUM OR TITANIUMS)
39434 MICA
5101 MICAS
41599 MICA
(MICA OR MICAS)
626034 PARTICLES
1 PARTICLESES
626034 PARTICLES
(PARTICLES OR PARTICLESES)
79449 PARTICULATE
17074 PARTICULATES
87748 PARTICULATE
(PARTICULATE OR PARTICULATES)
10099 (TITANIUM OR MICA) (P) (PARTICLES OR PARTICULATE)

L3 0 L1 AND (TITANIUM OR MICA) (P) (PARTICLES OR PARTICULATE)

=> S 11 and (titanium or mica)
364995 TITANIUM
78 TITANIUMS
365004 TITANIUM
(TITANIUM OR TITANIUMS)
39434 MICA
5101 MICAS
41599 MICA
(MICA OR MICAS)

L4 3 L1 AND (TITANIUM OR MICA)

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YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:349120 CAPLUS

DOCUMENT NUMBER: 136:345471

TITLE: Hair care compositions containing waxes

INVENTOR(S): Braeutigam, Ina

PATENT ASSIGNEE(S): Goldwell GmbH, Germany

SOURCE: Eur. Pat. Appl., 8 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1203573	A2	20020508	EP 2001-125929	20011031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
DE 10054215	A1	20020606	DE 2000-10054215	20001102
PRIORITY APPLN. INFO.:			DE 2000-10054215 A	20001102

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:291723 CAPLUS

DOCUMENT NUMBER: 136:299470

TITLE: Hair care products containing mica-titanium dioxide pigments and sunscreens

INVENTOR(S): Fath, Bettina; Dubowoj, Polina

PATENT ASSIGNEE(S): Goldwell G.m.b.H., Germany

SOURCE: Eur. Pat. Appl., 9 pp.
CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1197200	A2	20020417	EP 2001-123312	20011008
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 10050782	A1	20020425	DE 2000-10050782	20001013
US 2002110534	A1	20020815	US 2001-975520	20011011
PRIORITY APPLN. INFO.:			DE 2000-10050782 A	20001013

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:252904 CAPLUS
DOCUMENT NUMBER: 136:284160
TITLE: Hair care products containing
mica-titanium dioxide pigments and
sunscreens
PATENT ASSIGNEE(S): Goldwell G.m.b.H., Germany
SOURCE: Ger. Gebrauchsmusterschrift, 19 pp.
CODEN: GGXXFR
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 20017586	U1	20020404	DE 2000-20017586	20001013

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(FILE 'HOME' ENTERED AT 16:37:13 ON 26 NOV 2002)

FILE 'CAPLUS' ENTERED AT 16:37:22 ON 26 NOV 2002

L1 4 S HAIR (5A) (CARE OR SHAMPOO OR LOTION OR GEL) AND (GREEN TEA O
L2 0 S L1 AND (TITANIUM OR MICA) (P) (PIGMENT OR COLOR) (P) (PARTICL
L3 0 S L1 AND (TITANIUM OR MICA) (P) (PARTICLES OR PARTICULATE)
L4 3 S L1 AND (TITANIUM OR MICA)